## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
_1	0	multithread\$3 with application same OSI	US-PGPUB; USPAT	OR	ON	2010/06/03 12:41
2	19	multithread\$3 with application and OSI	US-PGPUB; USPAT	OR	ON	2010/06/03 12:42
L3	0	multithread\$3 with OSI	US-PGPUB; USPAT	OR	ON	2010/06/03 12:47
L4	2	multithread\$3 same OSI	US-PGPUB; USPAT	OR	ON	2010/06/03 12:47
L5	296	multithread\$3 and OSI	US-PGPUB; USPAT	OR	ON	2010/06/03 12:48
L6	19	multithread\$3 near2 (CPU processor node) and OSI	US-PGPUB; USPAT	OR	ON	2010/06/03 12:50
LT.	33	("20010047509"   "20020068910"   "2002016888"   "20020144175"   "20040044915"   "20040170070"   "4782461"   "4914653"   "5371895"   "5421028"   "5440682"   "5548732"   "5694371"   "5710910"   "5998059"   "6099591"   "6099591"   "6202139"   "6477170"   "6477170"   "6477170"   "6816420"   "6616420"   "661630"   "6611920"   "7173310"   "77143302"   "717330"   "7280225"),PN.	US-PGPUB; USPAT	OR	ON	2010/06/03 14:49
S1	1905	data near2 transfer near2 object	US-PGPUB; USPAT	OR	ON	2006/10/11 14:42
S2	6	data adj transfer adj object same buffer	US-PGPUB; USPAT	OR	ON	2006/10/11 14:44
S3	5251	object near2 code with (load\$3 stor\$3 transfer \$4)	US-PGPUB; USPAT	OR	ON	2006/10/11 14:44

S4	3481	object adj code with (load\$3 stor\$3 transfer \$4)	US-PGPUB; USPAT	OR	ON	2006/10/11 14:45
S5	52	object adj code with (load\$3 stor\$3 transfer \$4) with (buffer queue)	US-PGPUB; USPAT	OR	ON	2007/06/20 19:15
S6	204	(processor CPU) same thread same (read\$3 retriev\$3) same (writ\$3 load\$3) same buffer	US-PGPUB; USPAT	OR	ON	2006/10/11 15:25
S7	21	(processor CPU) with thread with (read\$3 retriev\$3) with (writ\$3 load\$3) with buffer	US-PGPUB; USPAT	OR	ON	2006/10/11 15:27
S8	1102	thread and (input and output) near2 buffer	US-PGPUB; USPAT	OR	ON	2006/10/11 15:28
S9	0	thread same data with publish\$3 with (input and output) near2 buffer	US-PGPUB; USPAT	OR	ON	2006/10/11 15:28
S10	3	publish\$3 with (input and output) near2 buffer	US-PGPUB; USPAT	OR	ON	2006/10/11 15:28
S11	1883	"input buffer" same "output buffer" same (CPU processor)	US-PGPUB; USPAT	OR	ON	2006/10/11 15:30
S12	748	"input buffer" same "output buffer" same (CPU processor) same read\$3 and writ\$3	US-PGPUB; USPAT	OR	ON	2006/10/11 15:46
S13	1	"5583964".pn.	US-PGPUB; USPAT	OR	ON	2006/10/11 15:50
S14	1	"5892962".pn.	US-PGPUB; USPAT	OR	ON	2006/10/11 15:52
S15	6860	DMA with buffer	US-PGPUB; USPAT	OR	ON	2006/10/11 15:57
S16	5470	(notif\$7 indicat\$3) with data with (buffer queue) same (read\$3 retriev\$3) near5 buffer	US-PGPUB; USPAT	OR	ON	2006/10/11 16:39
S17	0	(notif\$7 indicat\$3) with (coprocessor PE) with data with (buffer queue) same coprocessor with (read\$3 retriev\$3) near5 buffer	US-PGPUB; USPAT	OR	ON	2006/10/11 16:40

S18	10	(notif\$7 indicat\$3) with (coprocessor PE) with data with (buffer queue) same (read\$3 retriev\$3) near5 buffer	US-PGPUB; USPAT	OR	ON	2006/10/11 16:42
S19	521	notif\$7 with data with (buffer queue) same (read\$3 retriev\$3) near5 buffer	US-PGPUB; USPAT	OR	ON	2006/10/11 16:42
S20	149	notif\$7 near4 data near3 (buffer queue) same (read\$3 retriev\$3) near5 buffer	US-PGPUB; USPAT	OR	ON	2006/10/11 16:42
\$21	79	notif\$7 near4 data near3 (buffer queue) same (read\$3 retriev\$3) near5 buffer and g06f\$. ipc.	US-PGPUB; USPAT	OR	ON	2006/10/11 16:44
S22	13	notif\$7 near4 writ\$3 near3 data near3 (buffer queue) same (read\$3 retriev\$3) near5 buffer and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2006/10/12 13:04
S23	1	"5933627".pn.	US-PGPUB; USPAT	OR	ON	2006/10/13 10:07
S24	107	transfer\$3 with message with buffer with header	US-PGPUB; USPAT	OR	ON	2006/10/13 10:08
<b>S2</b> 5	86	transfer\$3 with message with buffer with header and header near3 (compris\$3 consist\$3 includ\$3)	US-PGPUB; USPAT	OR	ON	2006/10/13 10:10
S26	3	transfer\$3 with message with buffer with header and header with parity	US-PGPUB; USPAT	OR	ON	2006/10/13 10:12
S27	360	header with (packet message) with parity	US-PGPUB; USPAT	OR	ON	2006/10/13 10:12
S28	38	header with (packet message) with parity with length	US-PGPUB; USPAT	OR	ON	2006/10/13 10:12
\$29	50	header with (packet message) with parity with (length size)	US-PGPUB; USPAT	OR	ON	2006/10/13 10:23
S30	316	header with (packet message) with ((error near2 (check\$3 correct \$3)) parity) with (length size)	US-PGPUB; USPAT	OR	ON	2006/10/13 13:21

S31	1	header with (packet message) with ((error near2 (check\$3 correct \$3)) parity) with (length size) and "712"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/13 10:24
S32	0	(send\$3 transmit\$4) with data with coprocessor same pipeline near3 coprocessor with process \$3 with data	US-PGPUB; USPAT	OR	ON	2006/10/13 13:22
S33	2	(send\$3 transmit\$4) with data with coprocessor same pipeline near3 coprocessor	US-PGPUB; USPAT	OR	ON	2006/10/15 10:36
S34	10158	buffer with data with written with memory	US-PGPUB; USPAT	OR	ON	2006/10/15 10:37
S35	0	buffer near3 data near2 written near2 to near2 memory	US-PGPUB; USPAT	OR	ON	2006/10/15 10:37
S36	0	buffer near3 data near3 written near3 to near2 memory	US-PGPUB; USPAT	OR	ON	2006/10/15 10:37
S37	2775	buffer near3 data near3 written near2 memory	US-PGPUB; USPAT	OR	ON	2006/10/15 10:37
S38	1333	buffer near2 data near2 written near2 memory	US-PGPUB; USPAT	OR	ON	2006/10/15 10:38
S39	129	store near2 buffer near2 data near2 writ\$3 near2 memory	US-PGPUB; USPAT	OR	ON	2006/10/15 10:38
S40	152	712/29.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/15 12:19
S41	319	712/34.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/15 12:19
S42	252	712/35.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/15 12:19
S43	180	712/38.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/15 12:19
S44	597	712/225.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/15 12:19
S45	770	710/33.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/15 12:19
S46	1844	710/52.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/15 12:19
S47	1199	709/213.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/15 12:21

S48	9	object adj code with (load\$3 stor\$3 transfer \$4) with (buffer queue)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/15 12:23
S49	21	buffer\$3 with (transfer \$r transmit\$4 send\$3) with (coprocessor DSP) with data	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/15 12:28
S50	1	"4956771".pn.	US-PGPUB; USPAT	OR	ON	2006/10/15 12:28
S51	98	(coprocessor assist DSP) with (handl\$3 initiat\$3) near3 (DMA "direct memory access")	US-PGPUB; USPAT	OR	ON	2007/03/27 13:31
S52	27	DMA with generat\$3 with header with (address destination)	US-PGPUB; USPAT	OR	ON	2007/03/27 13:32
S53	1	("6,704,816" "2004181621").pn.	US-PGPUB; USPAT	OR	ON	2007/06/20 19:16
S54	2	("6,704,816" "20040181621").pn.	US-PGPUB; USPAT	OR	ON	2007/06/20 19:16
S55	277	message with data with header near3 destination	US-PGPUB; USPAT	OR	ON	2007/06/21 12:31
S56	101	message with header near3 destination with data same (element node)	US-PGPUB; USPAT	OR	ON	2007/06/21 17:31
S57	0	message with header near3 destination with data same (element node processor) same thread	US-PGPUB; USPAT	OR	ON	2007/06/21 12:32
S58	4	message with header near3 destination with data same (element node processor) same intermediate	US-PGPUB; USPAT	OR	ON	2007/06/21 12:37
S59	6	message with header with destination same (element node processor) same intermediate same (queue FIFO buffer memory)	US-PGPUB; USPAT	OR	ON	2007/06/21 17:31

S60	6	message with header with destination same (element node processor) same intermediate same (latch queue FIFO buffer memory)	US-PGPUB; USPAT	OR	ON	2007/06/21 12:40
S61	1	"5377333".pn.	US-PGPUB; USPAT	OR	ON	2007/06/21 12:41
S62	0	message with header with destination same (element node processor) same intermediate same (queue FIFO buffer memory)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/21 17:31
S63	2	message with header near3 destination with data same (element node)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/21 17:31
S64	27	(code thread) near4 (retriev\$3 access\$3 read \$3) with first adj (buffer queue) and (second next) adj (buffer queue) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/03/20 15:23
S65	0	(code thread) near4 (retriev\$3 access\$3 read \$3) with first adj (buffer queue) with (assign\$3 dedicat\$3)	US-PGPUB; USPAT	OR	ON	2008/03/20 15:25
S66	24	(code thread) with first adj (buffer queue) with (assign\$3 dedicat\$3)	US-PGPUB; USPAT	OR	ON	2008/03/20 15:25
S67	49	receiv\$3 with (message packet) same (strip\$4 remov\$3) near3 header with stor\$3 near3 (queue fifo buffer)	US-PGPUB; USPAT	OR	ON	2008/03/20 15:54
S68	0	receiv\$3 with (message packet) same (strip\$4 remov\$3) near3 header with stor\$3 near3 (queue fifo buffer) and thread	US-PGPUB; USPAT	OR	ON	2008/03/20 16:03
S69	1	fpga same ("without execution" "without executing") near3 instruction	US-PGPUB; USPAT	OR	ON	2008/03/21 12:26
S70	7	instruction with burn\$3 with logic and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/03/21 12:27

S71	0	fpga with don't near3 execut\$3 near3 instruction	US-PGPUB; USPAT	OR	ON	2008/03/21 12:37
S72	192	fpga near3 execut\$3 near3 (instruction program)	US-PGPUB; USPAT	OR	ON	2008/03/21 12:39
S73	74	fpga near3 execut\$3 near3 (instruction program) same (react\$5 configur\$5)	US-PGPUB; USPAT	OR	ON	2008/03/21 12:39
S74	0	fpga near3 execut\$3 near3 (instruction program) same react\$5	US-PGPUB; USPAT	OR	ON	2008/03/21 12:39
S75	52	processor with (coupl\$3 connect\$3) with fpga same accelerat\$3	US-PGPUB; USPAT	OR	ON	2008/03/21 12:52
S76	2	processor with (coupl\$3 connect\$3) with fpga same accelerat\$3 and processor with (transmit \$4 transfer\$4 send\$3 pass\$3) with (data operand) with fpga	US-PGPUB; USPAT	OR	ON	2008/03/21 12:54
S77	1	processor with (coupl\$3 connect\$3) with fpga same accelerat\$3 same pipeline	US-PGPUB; USPAT	OR	ON	2008/03/21 12:54
S78	9	pipeline near2 accelerat \$3 with fpga	US-PGPUB; USPAT	OR	ON	2008/03/21 12:56
<b>S7</b> 9	3313	(processor CPU mater) with (coupl\$3 connect \$3) with fpga	US-PGPUB; USPAT	OR	ON	2008/03/21 12:57
S80	38	(processor CPU mater) with (coupl\$3 connect \$3) with fpga and processor near3 (offload \$3 off-load\$3 transmit\$4 transfer\$4 send\$3 pass \$3) near5 fpga	US-PGPUB; USPAT	OR	ON	2008/03/21 12:57
S81	5	redundan\$3 with (message packet) with (buffer queue fifo) with second same error	US-PGPUB; USPAT	OR	ON	2008/10/15 18:15
S82	10	(error redundan\$3) same (copy copie? duplicat\$3 replicat\$3 identical) near3 (message packet) with (parallel second) with (buffer queue fifo)	US-PGPUB; USPAT	OR	ON	2008/10/15 18:17

S83	4	("5675579" "4507782" "6148348" "6601210"). pn.	US-PGPUB; USPAT	OR	ON	2008/10/15 18:40
S84	1	"5226152".pnpn.	US-PGPUB; USPAT	OR	ON	2008/10/15 18:40
S85	0	("6985975").URPN.	USPAT	OR	ON	2008/10/15 18:46
\$87	64	"("20010014937" "20010025338" "20020087829" "200300961409" "200300961409" "20030091409" "200300177223" "20040019771" "20040019833" "20040045015" "20040019833" "20040045115" "200400133763" "20040133763" "20040133763" "20040133763" "20040133763" "20040133763" "20040133762" "20040133762" "20040133762" "20040133762" "20040133763" "20040133763" "20040133763" "20040133763" "20040133763" "20040133763" "20040133763" "20040133763" "20040133763" "20040133763" "20040133763" "200601238282" "20060238018" "20060238018" "59105107" "4862407" "4873626" "4885832" "5887399" "5910897" "5873493" "5910897" "5916307" "5931359" "5687399" "5910897" "5916307" "5931359" "5687399" "5910897" "6863488" "6049222" "6096091" "6047018" "625276" "6248718" "625276" "62867471" "6326876" "6326876" "6326806" "6470482" "6624819" "6826978" "6883967" "68829697" "6883967" "68829697" "6883967" "68829697" "6883967" "6982967" "6883967" "6982967" "7117390" "7134047" "7137020" "7228520")	US-PGPUB; USPAT	OR	ON	2008/10/16 13:38
S88	1924	thread with (message communicat\$3 packet) with (another queue FIFO buffer)	US-PGPUB; USPAT	OR	ON	2008/10/16 13:57

S89	12	first adj thread with (message communicat \$3 packet) with (queue FIFO buffer) with (second another) adj thread	US-PGPUB; USPAT	OR	ON	2008/10/16 13:57
S90	40	thread with ("event queue" "event buffer" mailbox) same signal	US-PGPUB; USPAT	OR	ON	2008/10/16 14:04
S91	247	thread with (message packet data event) with (plurality multiple different) near3 (fifo queue buffer mailbox)	US-PGPUB; USPAT	OR	ON	2008/10/16 14:06
S92	19	thread with (message packet data) with (plurality multiple different) near3 (tifo "event queue" "event buffer" mailbox)	US-PGPUB; USPAT	OR	ON	2008/10/16 14:06
S93	23	("20020041685"   "20020162086"   "20030115208"   "20030115500"   "20030231649"   "20030231649"   "20050149988"   "2006026850"   "20070271545"   "3665173"   "5544067"   "5712922"   "5892962"   "5930147"   "5941993"   "5963454"   "6028939"   "6128755"   "6237054"   "6785841"   "7024654"   "7036059"   "7073158"). PN.	US-POPUB; USPAT	OR .	ON	2009/04/08
S94	1	"5892962".pn.	US-PGPUB; USPAT	OR	ON	2009/10/22 17:00
S95	1	"6326806".pn.	US-PGPUB; USPAT	OR	ON	2009/10/22 17:03

\$96 \$97	26	("20020018470"   "20020112091"   "20040112091"   "2004010383"   "20040123258"   "20040123258"   "20060036774"   "20060085781"   "20060085781"   "20060101250"   "2006011250"   "20060110253"   "20060110307"   "20060139320"   "20060139377"   "20060223337"   "5916307"   "5526430"   "5916307"   "6526430"   "6515502"   "7373432"   "7474574"   "7474574"   "7404170"   "7418574"   "74743702"). P.N.	US-PGPUB: USPAT	OR OR	ON	2009/10/22 19:10
		address with without	USPAT			09:45
S98	1	"20040181621".pn. and address	US-PGPUB; USPAT	OR	ON	2010/06/02 09:45
<b>S9</b> 9	63	huisman.xp.	US-PGPUB; USPAT	OR	ON	2010/06/02 12:35
S101	41	(packet message payload) with fpga with (cpu processor) with (buffer queue)	US-PGPUB; USPAT	OR	ON	2010/06/02 14:21
S102	1	"6112288".pn.	US-PGPUB; USPAT	OR	ON	2010/06/02 14:42
S103	406	network near2 interface with FPGA	US-PGPUB; USPAT	OR	ON	2010/06/02 15:22
S104	11	network near2 interface near4 implement\$5 near3 FPGA	US-PGPUB; USPAT	OR	ON	2010/06/02 15:22
S105	0	processor adj2 on near3 fpga	US-PGPUB; USPAT	OR	ON	2010/06/02 17:18
S106	197	implement\$3 near2 processor near3 fpga	US-PGPUB; USPAT	OR	ON	2010/06/02 17:19
S107	20	implement\$3 near2 processor near3 fpga and xilinx.as.	US-PGPUB; USPAT	OR	ON	2010/06/02 17:20
S109	89	implement\$3 near2 processor near3 fpga and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2010/06/02 17:23
S110	18	OSI with FPGA	US-PGPUB; USPAT	OR	ON	2010/06/03 09:57

## EAST Search History (Interference)

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## 6/3/10 3:15:08 PM

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